

Please type a plus sign (+) in this box

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

17621
020604

U.S. PTO

UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 15424US01

First Inventor Maneesh Goyal

Title Method And System For An Integrated
VSB/QAM/NTSC/OOB PLUG-AND-PLAY DTV
Receiver

Express Mail Label No. EV 304940466 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Washington, DC 22313-1450

1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)	7. <input type="checkbox"/> CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix)
2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.	8. Nucleotide and/or Amino Acid sequence Submission (if applicable, all necessary)
3. <input checked="" type="checkbox"/> Specification [Total Pages 43] (preferred arrangement set forth below) -Descriptive title of the invention -Cross Reference to Related Applications -Statement Regarding Fed sponsored R&D -Reference to sequence listing, a table, or a computer program listing appendix -Background of the Invention -Brief Description of the Drawings (if filed) -Detailed Description -Claim(s) -Abstract of the Disclosure	a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 10]	c. <input type="checkbox"/> Statements verifying identity of above copies
5. Oath or Declaration [Total Pages 5] a. <input checked="" type="checkbox"/> Newly executed (original or copy)	ACCOMPANYING APPLICATION PARTS
b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)	9. <input type="checkbox"/> Assignment Papers (cover sheet & documents(s))
i. <input type="checkbox"/> DELETION OF INVENTORS Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of (when there is an assignee) Attorney
6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	11. <input type="checkbox"/> English Translation Document (if applicable)
	12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations
	13. <input type="checkbox"/> Preliminary Amendment
	14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
	15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)
	16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122(b) (2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
	17. <input type="checkbox"/> Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary
amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.:

Prior application information:

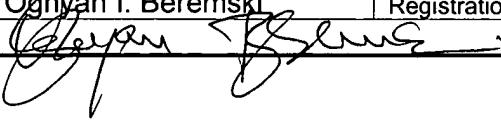
Examiner:

Group/Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under box
5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The
incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number	23446		or <input checked="" type="checkbox"/> Correspondence address below		
Name	Christopher Winslade				
Address	McAndrews, Held & Malloy 500 West Madison, Suite 3400				
City	Chicago	State	IL	Zip Code	60661
Country	USA	Telephone	(312) 775-8000	Fax	(312) 775-8100

Name (Print/type)	Ognyan I. Beremski	Registration No. (Attorney/Agent)	51,458
Signature			Date: 2/6/04

16834 U.S. PTO
10/774037 020604

17621
020604
U.S. PTO

PTO/SB/17 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction act of 1995, no persona are required to respond to a collection of information unless it displays a valid OMB control number.

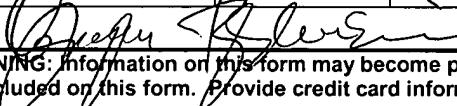
FEE TRANSMITTAL for FY 2004

Patent Fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$1,292.00)

Complete if Known	
Application Number	Unassigned
Filing Date	Herewith
First Named Inventor	Maneesh Goyal
Examiner Name	Unassigned
Group Art Unit	Unassigned
Attorney Docket No.	15424US01

METHOD OF PAYMENT				FEE CALCULATION (continued)																																																																																																																																																																																																																																																																						
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center; padding: 5px;">13-0017</td></tr> <tr><td style="text-align: center; padding: 5px;">McAndrews Held & Malloy</td></tr> </table> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p> <p>2. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>				13-0017	McAndrews Held & Malloy	<p>3. ADDITIONAL FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity</th> <th style="text-align: left;">Small Entity</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: left;">Fee Paid</th> </tr> <tr> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for ex parte reexamination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>1252</td><td>420</td><td>2252</td><td>210</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>950</td><td>2253</td><td>475</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td>1,480</td><td>2254</td><td>740</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td>2,010</td><td>2255</td><td>1,005</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>330</td><td>2401</td><td>165</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>330</td><td>2402</td><td>165</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>290</td><td>2403</td><td>145</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>1453</td><td>1,330</td><td>2453</td><td>665</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>1501</td><td>1,330</td><td>2501</td><td>665</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1502</td><td>480</td><td>2502</td><td>240</td><td>Design issue fee</td><td></td></tr> <tr><td>1503</td><td>640</td><td>2503</td><td>320</td><td>Plant issue fee</td><td></td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>1809</td><td>770</td><td>2809</td><td>385</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>1810</td><td>770</td><td>2810</td><td>385</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>1801</td><td>770</td><td>2801</td><td>385</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="4">Other fee (specify)</td><td></td><td></td></tr> <tr><td colspan="4">SUBTOTAL (1) (\$1,292.00)</td><td></td><td></td></tr> <tr> <td>Total Claims</td> <td>49 - 20** =</td> <td>29 x</td> <td>18.00 =</td> <td>522.00</td> <td></td> </tr> <tr> <td>Independent Claims</td> <td>3 - 3** =</td> <td>0 x</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="4"> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity</th> <th style="text-align: left;">Small Entity</th> <th style="text-align: left;">Fee from below</th> <th style="text-align: left;">Fee Paid</th> </tr> <tr> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1202</td><td>18</td><td>2202</td><td>18</td></tr> <tr><td>1201</td><td>86</td><td>2201</td><td>86</td></tr> <tr><td>1203</td><td>290</td><td>2203</td><td>290</td></tr> <tr><td>1204</td><td>86</td><td>2204</td><td>86</td></tr> <tr><td>1205</td><td>18</td><td>2205</td><td>9</td></tr> </tbody> </table> </td><td></td></tr> <tr> <td colspan="4">SUBTOTAL (2) (\$522.00)</td><td></td><td></td></tr> <tr> <td colspan="4">**or number previously paid, if greater; For Reissues, see above</td><td>*Reduced by Basic Filing Fee Paid</td><td></td></tr> <tr> <td colspan="4"></td><td>SUBTOTAL (3) (\$)</td><td></td></tr> </tbody> </table>				Large Entity	Small Entity	Fee Description	Fee Paid	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	1051	130	2051	65	Surcharge - late filing fee or oath		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		1053	130	1053	130	Non-English specification		1812	2,520	1812	2,520	For filing a request for ex parte reexamination		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		1251	110	2251	55	Extension for reply within first month		1252	420	2252	210	Extension for reply within second month		1253	950	2253	475	Extension for reply within third month		1254	1,480	2254	740	Extension for reply within fourth month		1255	2,010	2255	1,005	Extension for reply within fifth month		1401	330	2401	165	Notice of Appeal		1402	330	2402	165	Filing a brief in support of an appeal		1403	290	2403	145	Request for oral hearing		1451	1,510	1451	1510	Petition to institute a public use proceeding		1452	110	2452	55	Petition to revive - unavoidable		1453	1,330	2453	665	Petition to revive - unintentional		1501	1,330	2501	665	Utility issue fee (or reissue)		1502	480	2502	240	Design issue fee		1503	640	2503	320	Plant issue fee		1460	130	1460	130	Petitions to the Commissioner		1807	50	1807	50	Processing fee under 37 CFR 1.17(q)		1806	180	1806	180	Submission of Information Disclosure Stmt		8021	40	8021	40	Recording each patent assignment per property (times number of properties)		1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))		1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))		1801	770	2801	385	Request for Continued Examination (RCE)		1802	900	1802	900	Request for expedited examination of a design application		Other fee (specify)						SUBTOTAL (1) (\$1,292.00)						Total Claims	49 - 20** =	29 x	18.00 =	522.00		Independent Claims	3 - 3** =	0 x				Multiple Dependent						<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity</th> <th style="text-align: left;">Small Entity</th> <th style="text-align: left;">Fee from below</th> <th style="text-align: left;">Fee Paid</th> </tr> <tr> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1202</td><td>18</td><td>2202</td><td>18</td></tr> <tr><td>1201</td><td>86</td><td>2201</td><td>86</td></tr> <tr><td>1203</td><td>290</td><td>2203</td><td>290</td></tr> <tr><td>1204</td><td>86</td><td>2204</td><td>86</td></tr> <tr><td>1205</td><td>18</td><td>2205</td><td>9</td></tr> </tbody> </table>				Large Entity	Small Entity	Fee from below	Fee Paid	Fee Code (\$)	Fee Code (\$)	Fee from below	Fee Paid	1202	18	2202	18	1201	86	2201	86	1203	290	2203	290	1204	86	2204	86	1205	18	2205	9		SUBTOTAL (2) (\$522.00)						**or number previously paid, if greater; For Reissues, see above				*Reduced by Basic Filing Fee Paid						SUBTOTAL (3) (\$)	
13-0017																																																																																																																																																																																																																																																																										
McAndrews Held & Malloy																																																																																																																																																																																																																																																																										
Large Entity	Small Entity	Fee Description	Fee Paid																																																																																																																																																																																																																																																																							
Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)																																																																																																																																																																																																																																																																							
1051	130	2051	65	Surcharge - late filing fee or oath																																																																																																																																																																																																																																																																						
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																																																																																																						
1053	130	1053	130	Non-English specification																																																																																																																																																																																																																																																																						
1812	2,520	1812	2,520	For filing a request for ex parte reexamination																																																																																																																																																																																																																																																																						
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																																																																																						
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																																																																																						
1251	110	2251	55	Extension for reply within first month																																																																																																																																																																																																																																																																						
1252	420	2252	210	Extension for reply within second month																																																																																																																																																																																																																																																																						
1253	950	2253	475	Extension for reply within third month																																																																																																																																																																																																																																																																						
1254	1,480	2254	740	Extension for reply within fourth month																																																																																																																																																																																																																																																																						
1255	2,010	2255	1,005	Extension for reply within fifth month																																																																																																																																																																																																																																																																						
1401	330	2401	165	Notice of Appeal																																																																																																																																																																																																																																																																						
1402	330	2402	165	Filing a brief in support of an appeal																																																																																																																																																																																																																																																																						
1403	290	2403	145	Request for oral hearing																																																																																																																																																																																																																																																																						
1451	1,510	1451	1510	Petition to institute a public use proceeding																																																																																																																																																																																																																																																																						
1452	110	2452	55	Petition to revive - unavoidable																																																																																																																																																																																																																																																																						
1453	1,330	2453	665	Petition to revive - unintentional																																																																																																																																																																																																																																																																						
1501	1,330	2501	665	Utility issue fee (or reissue)																																																																																																																																																																																																																																																																						
1502	480	2502	240	Design issue fee																																																																																																																																																																																																																																																																						
1503	640	2503	320	Plant issue fee																																																																																																																																																																																																																																																																						
1460	130	1460	130	Petitions to the Commissioner																																																																																																																																																																																																																																																																						
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																																																																																																																																						
1806	180	1806	180	Submission of Information Disclosure Stmt																																																																																																																																																																																																																																																																						
8021	40	8021	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																																																																																						
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																																																																																																																						
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																																																																																																						
1801	770	2801	385	Request for Continued Examination (RCE)																																																																																																																																																																																																																																																																						
1802	900	1802	900	Request for expedited examination of a design application																																																																																																																																																																																																																																																																						
Other fee (specify)																																																																																																																																																																																																																																																																										
SUBTOTAL (1) (\$1,292.00)																																																																																																																																																																																																																																																																										
Total Claims	49 - 20** =	29 x	18.00 =	522.00																																																																																																																																																																																																																																																																						
Independent Claims	3 - 3** =	0 x																																																																																																																																																																																																																																																																								
Multiple Dependent																																																																																																																																																																																																																																																																										
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity</th> <th style="text-align: left;">Small Entity</th> <th style="text-align: left;">Fee from below</th> <th style="text-align: left;">Fee Paid</th> </tr> <tr> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1202</td><td>18</td><td>2202</td><td>18</td></tr> <tr><td>1201</td><td>86</td><td>2201</td><td>86</td></tr> <tr><td>1203</td><td>290</td><td>2203</td><td>290</td></tr> <tr><td>1204</td><td>86</td><td>2204</td><td>86</td></tr> <tr><td>1205</td><td>18</td><td>2205</td><td>9</td></tr> </tbody> </table>				Large Entity	Small Entity	Fee from below	Fee Paid	Fee Code (\$)	Fee Code (\$)	Fee from below	Fee Paid	1202	18	2202	18	1201	86	2201	86	1203	290	2203	290	1204	86	2204	86	1205	18	2205	9																																																																																																																																																																																																																																											
Large Entity	Small Entity	Fee from below	Fee Paid																																																																																																																																																																																																																																																																							
Fee Code (\$)	Fee Code (\$)	Fee from below	Fee Paid																																																																																																																																																																																																																																																																							
1202	18	2202	18																																																																																																																																																																																																																																																																							
1201	86	2201	86																																																																																																																																																																																																																																																																							
1203	290	2203	290																																																																																																																																																																																																																																																																							
1204	86	2204	86																																																																																																																																																																																																																																																																							
1205	18	2205	9																																																																																																																																																																																																																																																																							
SUBTOTAL (2) (\$522.00)																																																																																																																																																																																																																																																																										
**or number previously paid, if greater; For Reissues, see above				*Reduced by Basic Filing Fee Paid																																																																																																																																																																																																																																																																						
				SUBTOTAL (3) (\$)																																																																																																																																																																																																																																																																						

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Ognjen I. Beremski	Registration No. (Attorney or Agent)	51,458
Signature		Telephone	(312) 775-8000
		Date	February 6, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.